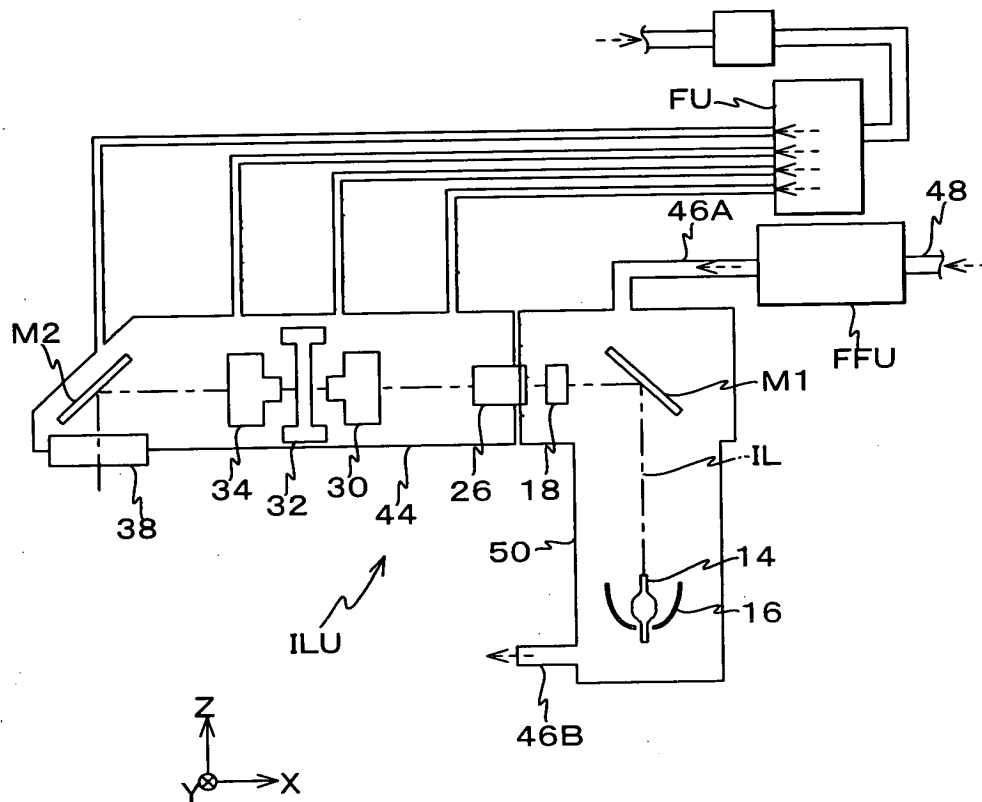


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Fig. 2



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Fig. 3

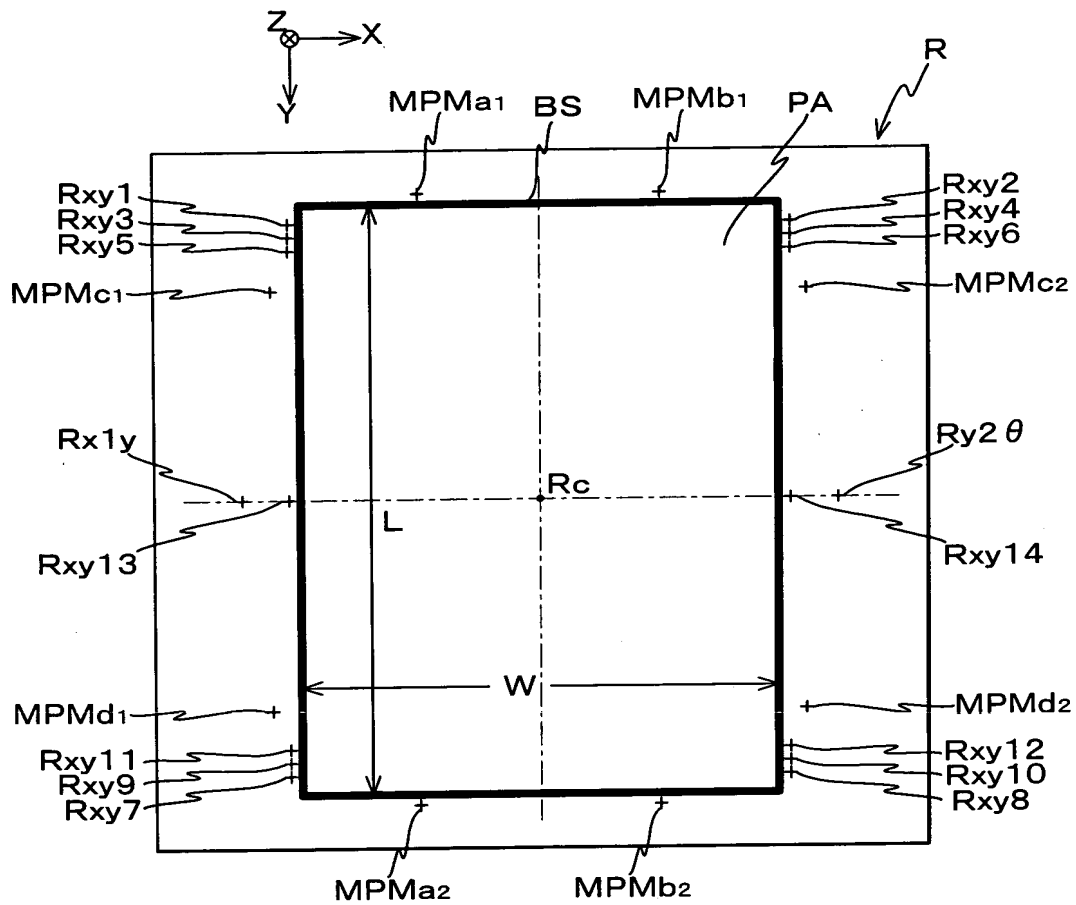
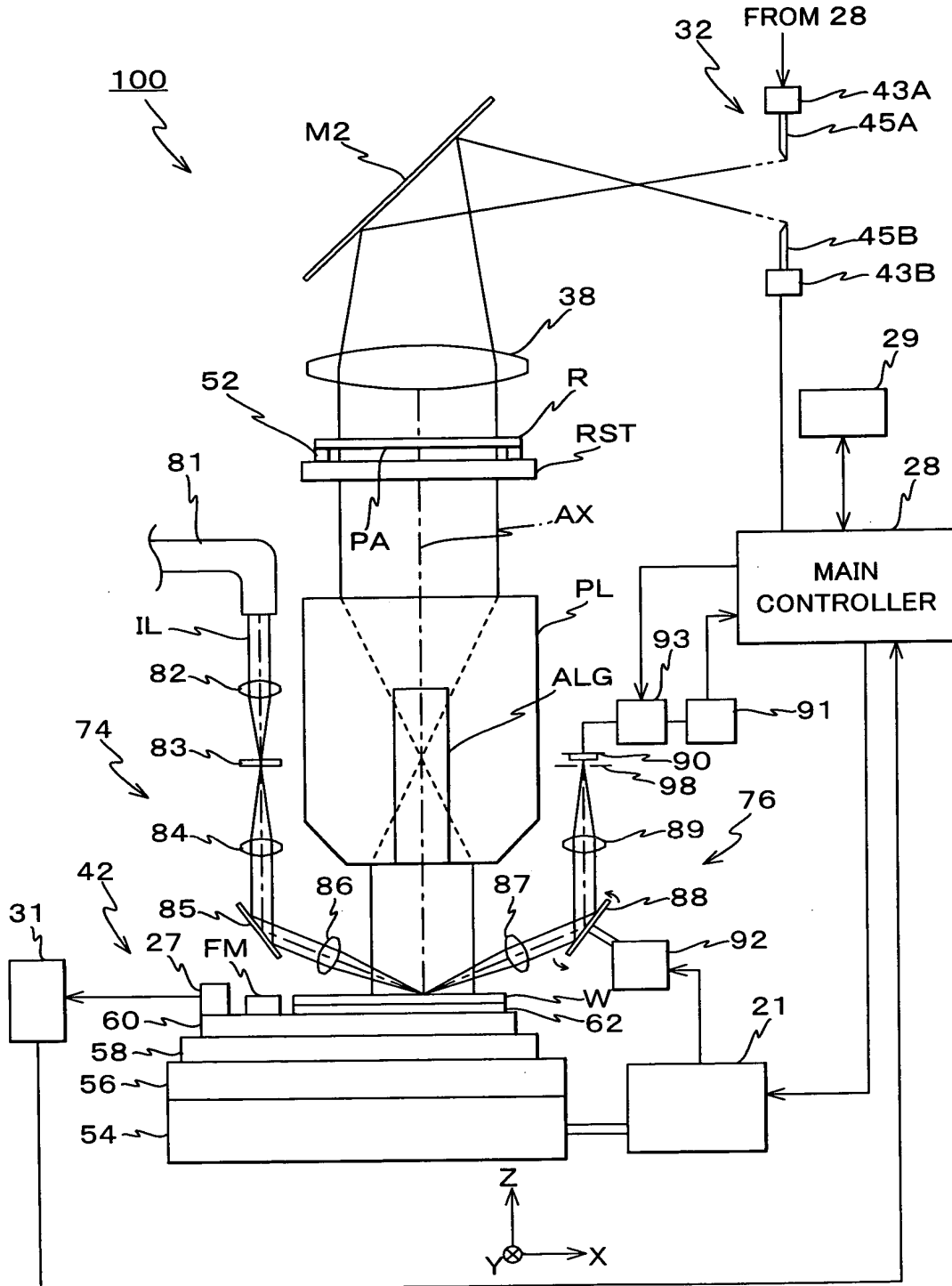


FIG. 1 is a cross-sectional view of a circular device. The device features a central Y-shaped structure (66) surrounded by a dense grid of small circles (68). This grid is enclosed by a layer (64) and an outer boundary (62). The outer boundary has several protrusions labeled 74A, 74B, 74C, 74D, and 74E. A layer (70) is shown between the grid and the outer boundary. A label 'VA' points to the grid area.

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Fig. 5



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Fig. 6A

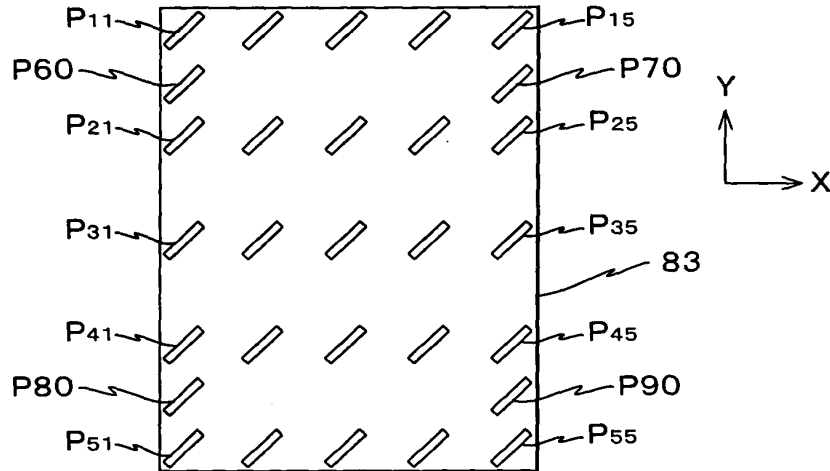


Fig. 6B

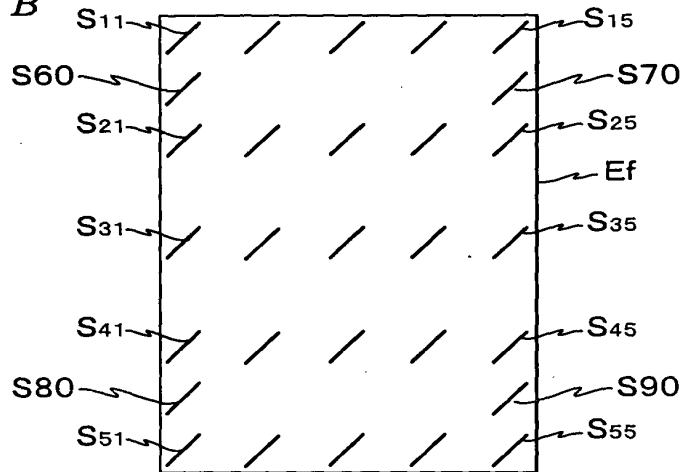
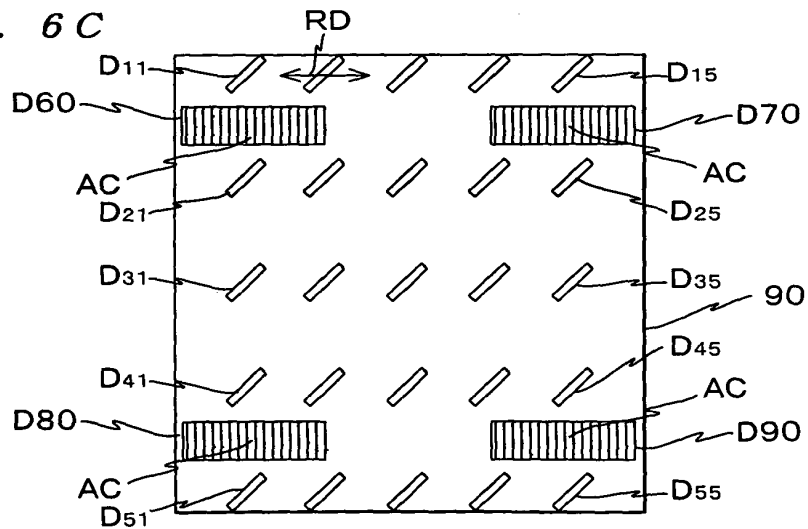


Fig. 6C



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Fig. 7A

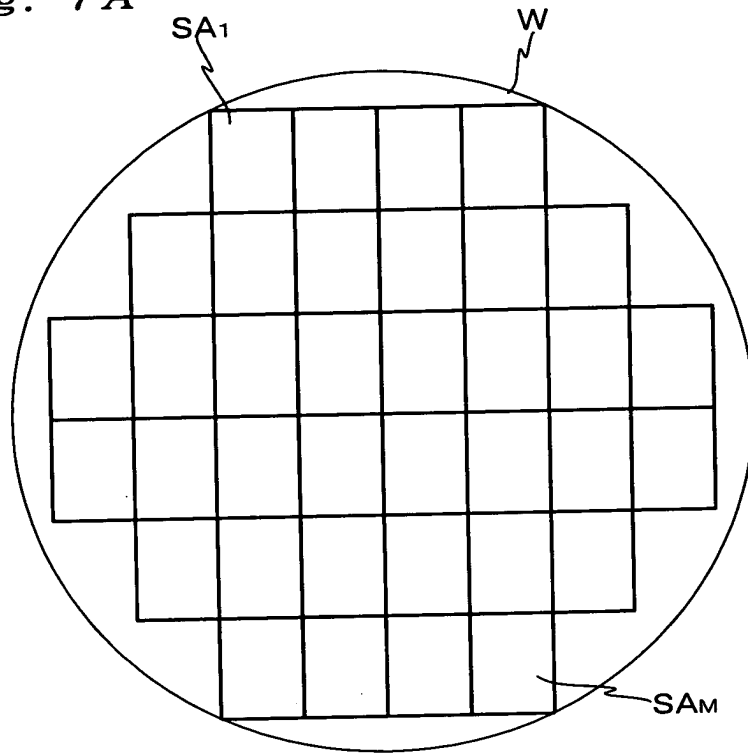
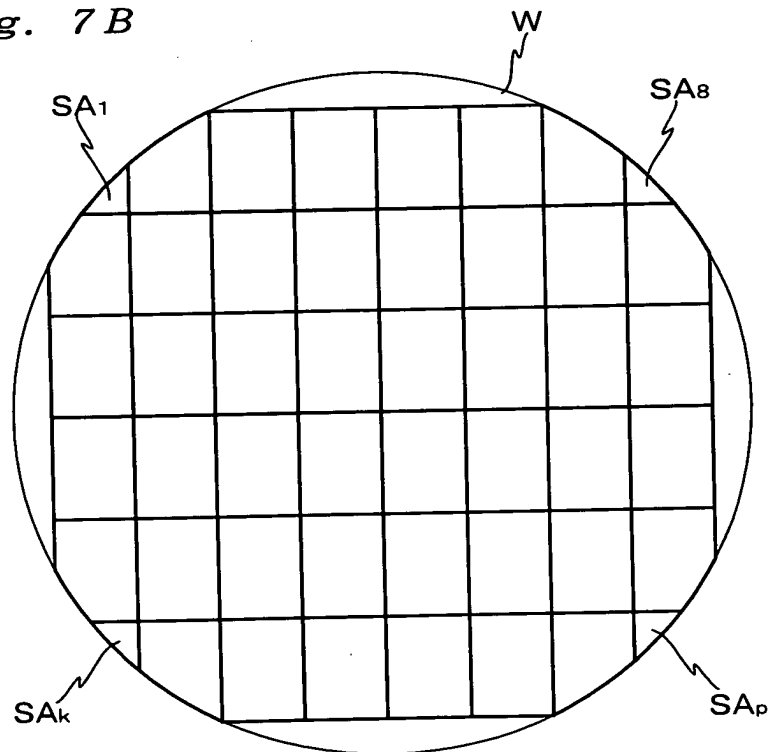


Fig. 7B



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Fig. 8A

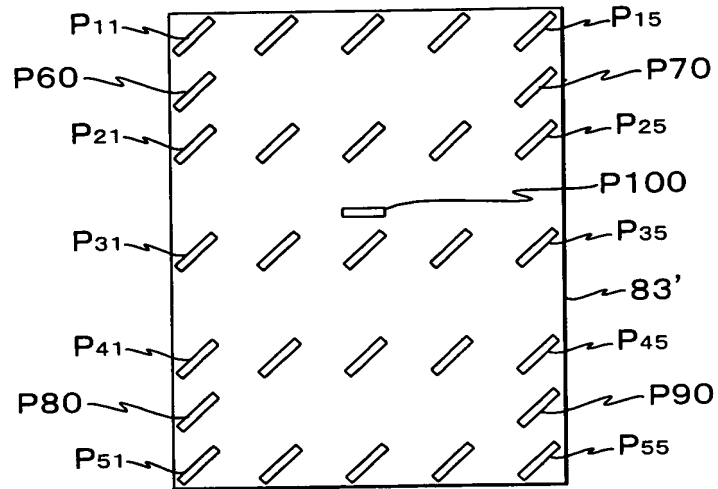


Fig. 8B

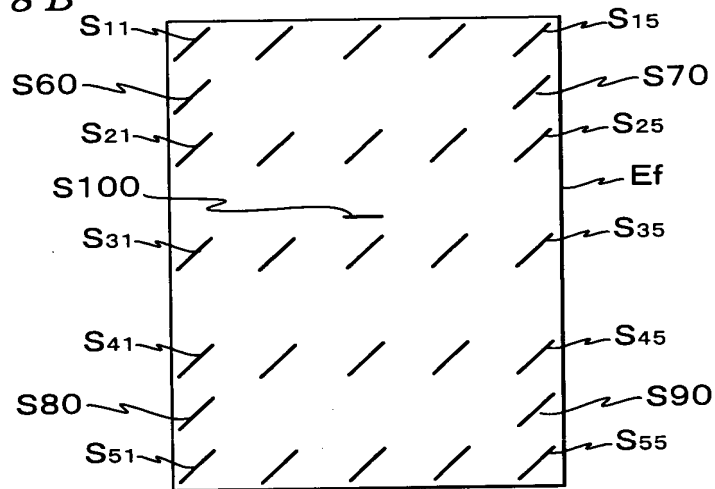
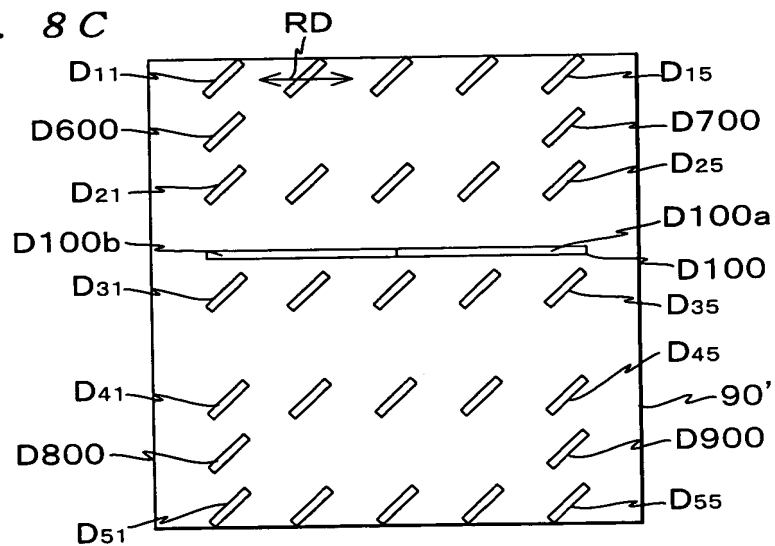
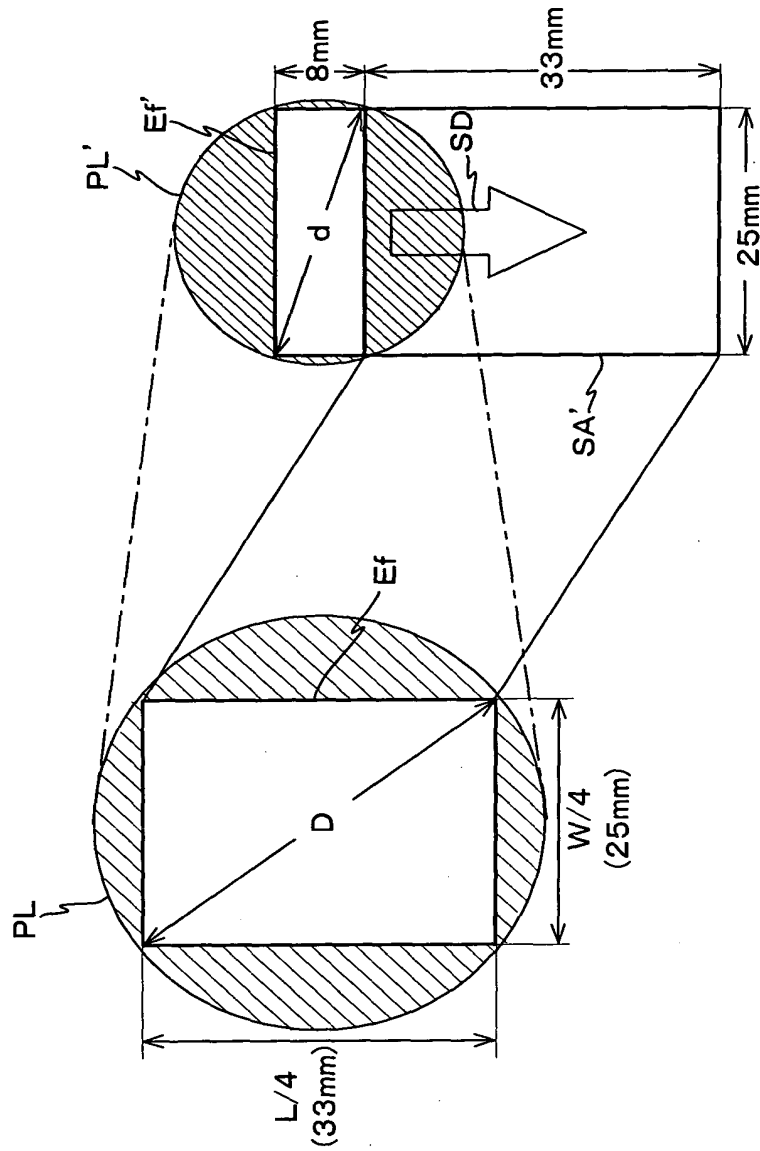


Fig. 8C



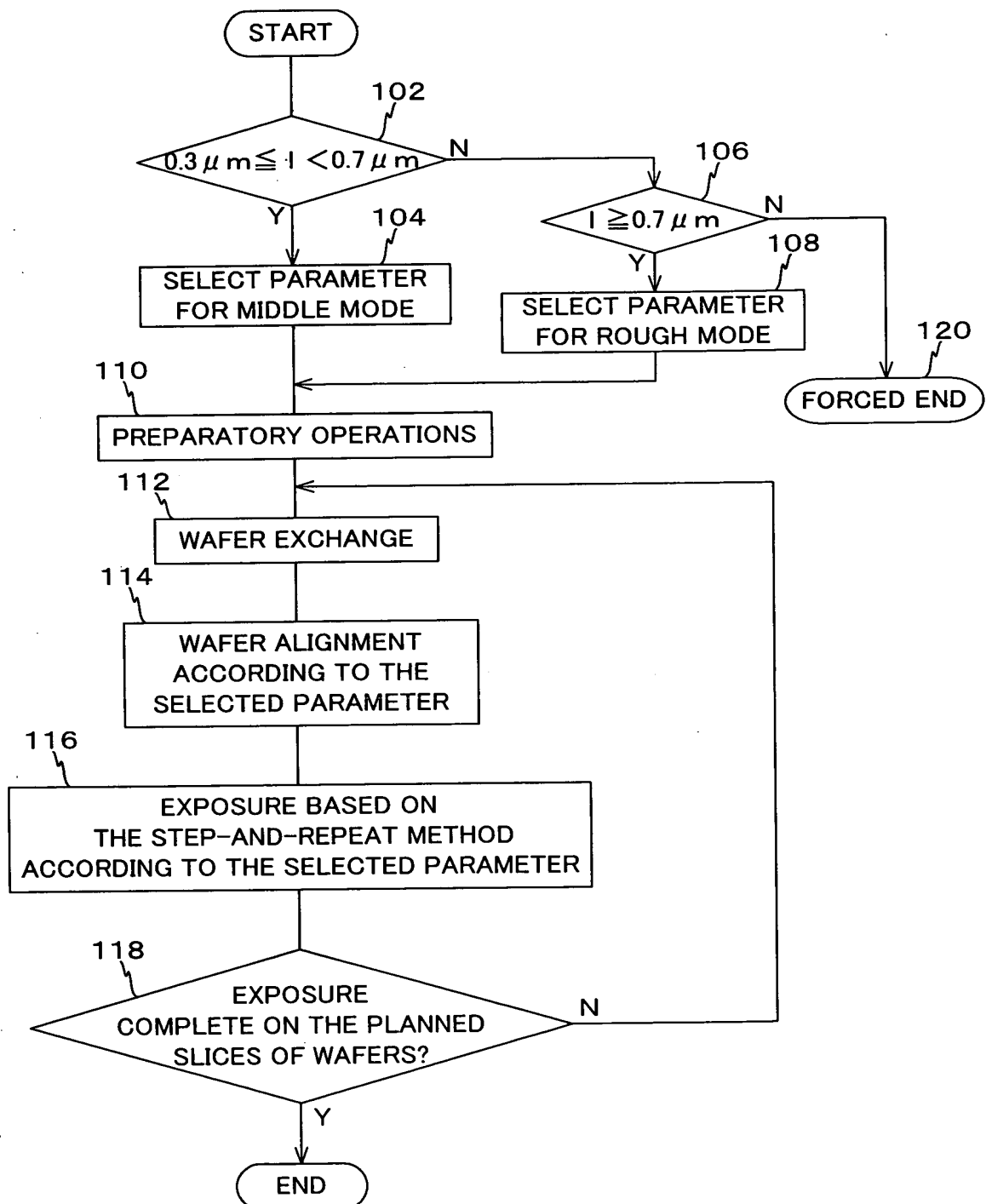
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Fig. 9



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Fig. 10

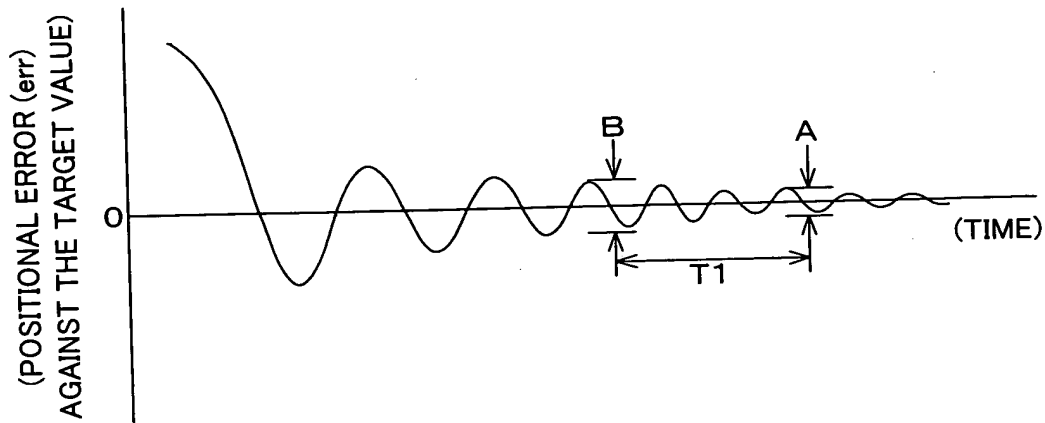


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Fig. 11

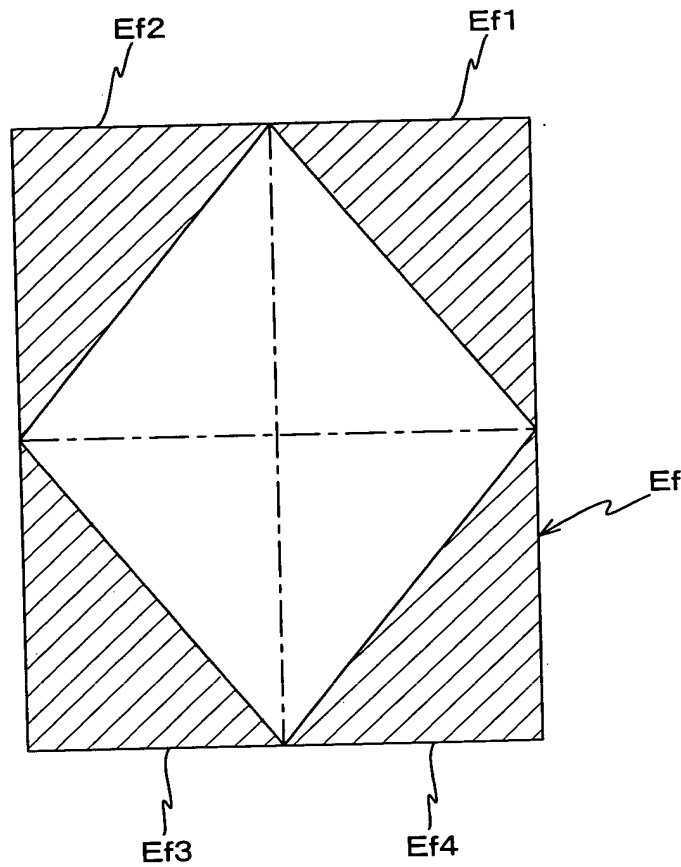
MINIMUM LINE WIDTH SUBJECT TO EXPOSURE l	$0.3 \mu\text{m} \leq l < 0.7 \mu\text{m}$	$0.7 \mu\text{m} \leq l$
X, Y PERMISSIBLE VALUES	$\pm 0.1 \mu\text{m}$	$\pm 1 \mu\text{m}$
Z PERMISSIBLE VALUE	$\pm 0.1 \mu\text{m}$	$\pm 1 \mu\text{m}$
NUMBER OF SCREENS FOR ALIGNMENT MEASUREMENT	5	1
NUMBER OF SAMPLE SHOTS	12	3

Fig. 12



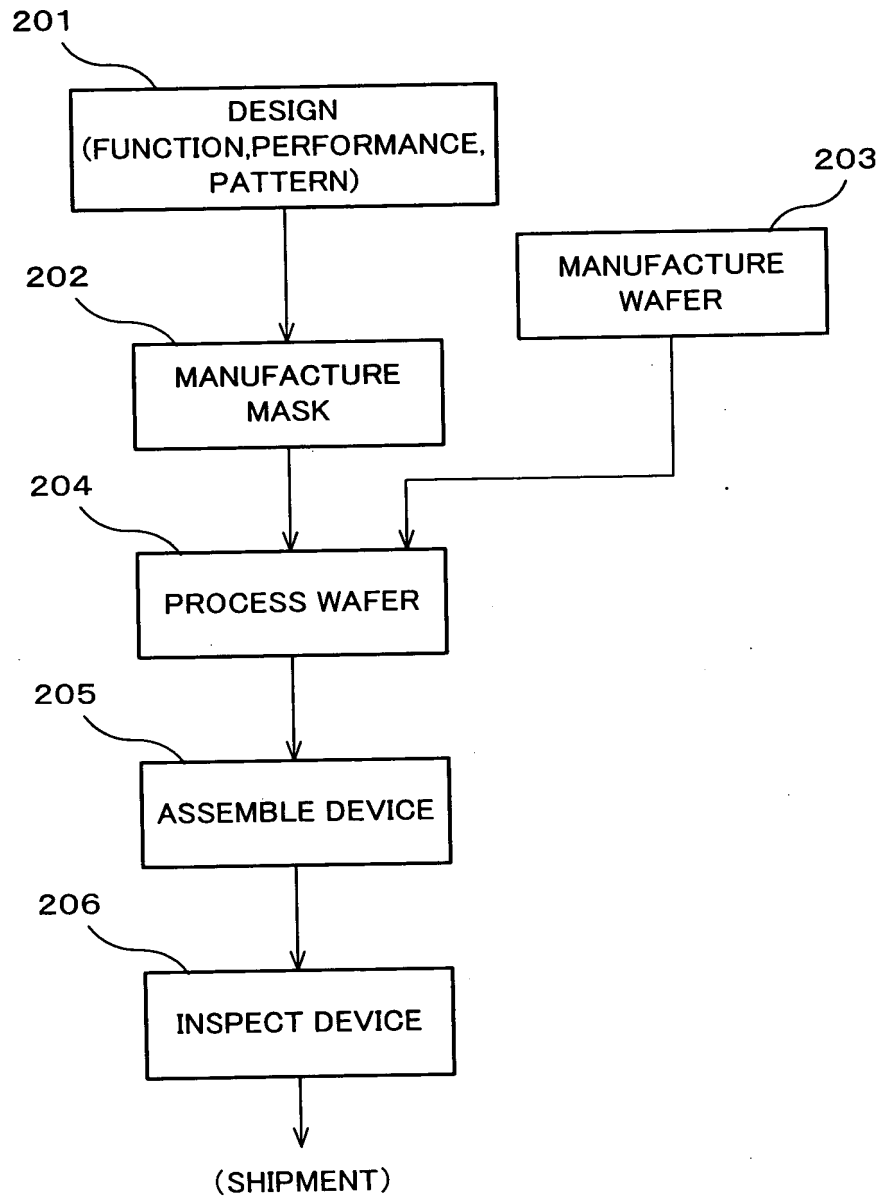
1 2 / 1 4

Fig. 13



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Fig. 14



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Fig. 15

